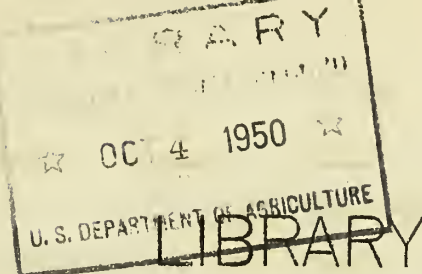
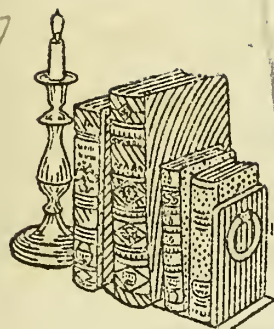


# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



916  
77



## NEWSLETTER

### U. S. DEPARTMENT OF AGRICULTURE

LOUISIANA BRANCH LIBRARY  
1018 FEDERAL OFFICE BUILDING  
NEW ORLEANS 12, LOUISIANA  
Telephone MA5271 Ext. 325

Vol. 9, No. 3.

September 1950.

---

"If books vanished in the night our ivy-covered universities would stand empty as the Colosseum; the doors of industrial America would be padlocked; and the shelves of the libraries covered with dust."

---

#### BOOKS RECENTLY RECEIVED

DYNAMICS OF VEGETATION, compiled and edited by B. W. Allred and Edith S. Clements. H. W. Wilson, 1949. 296p. 463.8 C59D

"This book ... is a compilation of selected writings on Dynamic Ecology by Dr. Frederic E. Clements, for which there is a widespread and continuing demand. It has been undertaken with the twofold purpose of serving as a memorial to Dr. Clements' creative genius in the field of ecology, and to make available a number of his most important and out-of-print contributions, as serviceable references and guides to agronomists, range men, biologists, foresters, conservationists, teachers and students." The book has chapters on plant succession and human problems, competition in plant societies, plant indicators, nature and structure of the climax, the relict method in dynamic ecology, climaxes, succession and conservation, climatic cycles and human populations in the Great Plains, and ecology in the public service.

HARVESTING TIMBER CROPS, by A. E. Wackerman. McGraw-Hill, 1949. 437p. 99.76 W11

"This text has been written to describe and discuss the principles involved in correctly harvesting timber crops, with special emphasis on the aspects related to forestry." The material is arranged under four broad subjects: Considerations Preliminary to Actual Harvesting, Preparation of Trees for Removal from the Forest, Movement of Products from the Forest, and Organization and Control of Harvesting Operations.

PLANT AND SOIL WATER RELATIONSHIPS, by P. J. Kramer. McGraw-Hill, 1949. 347p. 463.3 K86

"In this relatively brief but advanced textbook in the field of plant physiology, one of the leading authorities on the subject gives an integrated discussion of the various factors which affect the absorption of water by plants. These factors include the availability of soil moisture, the development of efficient root systems, the nature of the absorption process, the relation between the absorption of water and the absorption of minerals, and the relation between water absorption and other plant processes." Book Jacket.

---

### REFERENCE SERVICE

What's bothering you? What's your pet problem?

Is it just some elusive fact needed to prove a point: Or perhaps you need to know the results of experimentation on your problem? You need a brief list of references on a subject? Or have citations to be verified?

Have you tried dropping a line to your Branch Library when some such problem was bothering you? Try it!

---

### PERIODICAL NOTES

The following periodicals are received as gifts to the library. Do you wish to see them?

The Alabama lumberman. m.

The breeder-stockman. m. (Continuation of The Stockman.)

The Philippine journal of forestry. q.

Since our last periodical list was issued, the following publications have been discontinued:

Barrel & box and packages.

National Fertilizer Association. Agronomic notes.

" " " Pasture progress.

---

### 1950 CENSUS OF POPULATION

Preliminary population counts for the states, by county and chief cities in the counties, are now available for reference use in the library. If you cannot come to the library, we shall be glad to send you any figures you need.

---

### EXTENSION SERVICES

The following services are available, as in the past. Some people find them valuable. Have you tried any of them?

Deposit Collections (formerly called Traveling Libraries). A package of three books sent to your office to remain for six weeks. You designate subject interests.

Book-of-the-Month Books. A book selected by the librarian and sent to your office each month. You designate subject interests. When one man who has been getting these books for over a year was asked if he wished to continue receiving them, he replied, "By all means keep them coming."

Packets. A package of from ten to thirty bulletins on one subject. See Newsletter for Sept. 1949. You may ask for a packet on any subject connected with your work.

---

LET US KNOW YOUR NEEDS. WE ARE HERE TO HELP YOU.



SELECTED BULLETINS

Agricultural Engineering

"A Nomogram for Checking Rates of Application of Fertilizer or Seed on Small Areas," by W. C. Hulburt. PISAE Information Series No. 99. 1950. 4p. 1.9 R531I 99

"Protection of Buildings and Farm Property from Lightning," by R. N. Covert and others. USDA Farmers' Bul. 1512. Revised 1950. 32p. 1 A 84F

Agronomy

"Alfalfa--Its Mineral Requirements and Chemical Composition," by F. E. Bear and A. Wallace. New Jersey Agr. Expt. Sta. Bul. 748. 1950. 32p. 100 N46S 748

"A Century of Progress in Agronomy," address by R. M. Salter at Centennial Convention of the National Fertilizer Association, June 14, 1950. 14p. 1.965 A2Sa3

"The Control of Johnson Grass in Sugarcane Fields," by E. R. Stamper and S. J. P. Chilton. La. Agr. Expt. Sta. Bul. 442. 1950. 11p. 100 L93 442

"Lespedeza for Permanent and Temporary Pastures, Hay, Seed, Soil Conservation and Improvement," by E. D. Alexander and others. Ga. Agr. Col. Ext. Ser. Cir. 307. Revised 1950. 7p. 275.29 G29C

"Point Your Farm to Balanced Production," by E. A. Cleavinger. Kansas Ext. Cir. Cir. 200. 275.29 K13C 200

"Soybean Variety Tests, 1926 to 1949," by C. L. Canode and J. E. Webster. Okla. Agr. Expt. Sta. Bul. 356. 1950.

"Yield and Adaptation of Certain Forage Species in the Lower Rio Grande Valley," by E. M. Trew, Jr. Tex. Agr. Expt. Sta. Progress Report 1269. 4p. 100 T31P 1269

Community Development

"Community Development in Georgia," by W. A. King and J. W. Fanning. Ga. Agr. Ext. Ser. Bul. 565. 1950. 17p. 275.29 G29B 565

"Rural Organization in Process: A Case Study of Hamilton County, Iowa," by P. J. Jehlik and R. E. Wakeley. Iowa Agr. Expt. Sta. Res. Bul. 365. 1949. 100 Io9

Feeds and Feeding

"Fattening Steers in the El Paso Valley, 1949-50," by A. A. Melton and others. Tex. Agr. Expt. Sta. Progress Report 1266. 1950. 3p. 100 T31P

"Feeding Grain to Cows on Pasture. Does It Pay?" by N. R. Thompson. Va. Agr. Expt. Sta. Bul. 428. 1950. 8p. 100 V815

"Peanut Hulls, Johnsongrass Hay and Vetch Screenings in Rations for Fattening Steers," by B. C. Langley and others. Tex. Agr. Expt. Sta. Progress Rpt. 1264. 3p. 1950. 100 T31P

"Producing Fat Calves," by C. E. Bell, Jr. Ga. Agr. Ext. Cir. 321. Revised 1950. 275.29 G29C 321

"Steps to Better Dairying." Ga. Agr. Ext. Cir. 345. 1950, reprint. 275.29 G29C 345

Forestry

- "Aids for Computing Tree Volumes in Illinois," by G. L. Schnur and R. D. Lane. Central States Forest Expt. Sta. Tech. Paper 115. 1950. 26p. 1.9622 C3T222
- "Effect of Weed Competition Upon Survival of Planted Pine and Chaparral Seedlings," by J. S. Horton. Calif. Forest and Range Expt. Sta. Forest Res. Notes 72. 1950. 6p. 1.9 F7626R 72
- "Cost of Rodent Control in Pine Regeneration in California," by R.D. Cosens and D. Tackle. Calif. Forest and Range Expt. Sta. Forest Res. Notes 73. 1950. 5p. 1.9 F7626R 73
- "Forest Plantations in the Lake States," by P. O. Rudolf. USDA Tech. Bul. 1010. 1950. 171p. 1 Ag84Te 1010
- "Profitable Tree Forms of Yellowpoplar," by Torkel Holsoe. West Va. Agr. Expt. Sta. Bul. 341. 1950. 23p. 100 W52 341
- "Prescribed Burning Does Not Reduce Yield From Oak-Pine Stands of Southern New Jersey," by H. A. Somes and G. R. Moorhead. Northeastern Forest Expt. Sta. Station Paper 36. 1950. 19p. 1.9622 N2St22

Insects and Insect Control

- "Cockroaches and Their Control." USDA Leaflet 144. Revised 1950. 9p. 1 Ag84L 144
- "Control of Apple Tree Borers." USDA Leaflet 274. 1950. 6p. 1 Ag84L 274
- "Controlling Hornflies and Ticks," by S. Kyd. Okla. Ext. Ser. Cir. 525. 4p. 275.29 Ok41C 525
- "Damage to Guayule by Insects and Mites With Notes on Control," by T. P. Cassidy. USDA Cir. 842. 1950. 19p. 1 Ag84C 842
- "Gladiolus Thrips." BEPQ Picture Sheet 6. Revised 1950. 1 En86P 6
- "Habits and Control of the Fall Armyworm," by P. Luginbill. USDA Farmers' Bul. 1990. 1950. 11p. 1 Ag84F 1990
- "Housefly Control," by F. C. Bishop and L. S. Henderson. USDA Leaflet 182. Revised 1950. 8p/ 1 Ag84L 182
- "Household Insects and Their Control," by L. C. Kuitert and E. G. Kelsheimer. Fla. Agr. Ext. Ser. Bul. 143. 1950. 32p. 275.29 F66 143
- "Post Control Materials, 1950." Pa. Agr. Expt. Sta. Progress Rpt. 20. 1950. 148p. 100 P381P 20
- "A Revision of the North American Species of Beetles Belonging to the Family Bostrichidae," by W. S. Fisher. USDA Misc. Pub. 698. 1950. 157p. 1 Ag84M 698
- "Striped Cucumber Beetle." BEPQ Picture Sheet 7. 1950 revision. 1 En86P
- "The Texas Harvester Ant," by C. H. Brett. Okla. Agr. Expt. Sta. Bul. 353. 1950. 13p. 100 Ok4B
- "Tomato Fruitworm." BEPQ Picture Sheet 13. Revised 1950. 1 En86P 13
- "White-Fringed Beetles and How To Combat Them," by H. C. Young and others. USDA Cir. 850. 1950. 15p. 1 Ag34C



### Range and Pasture

- "Eight-Year Summary of Results of Grazing, Feeding, and Other Range Improvement Studies on the Southern Plains Experimental Range," by E. H. McIlvain and D. A. Savage. 18p. 1.965 A2Su62
- "Reseeding Tarweed-Infested Ranges," by E. W. Stevenson. Pacific Northwest Forest and Range Expt. Sta. Res. Notes 68. 1950. 6p. 1.9 F7629R 68
- "Establishing, Improving, and Renovating Pasture Sods," by J. B. R. Dickey. Pa. Agr. Ext. Cir. 338. 1949. 20p. 275.29 P38C 338
- "Fertility Levels in Pasture Land," by C. Eby and others. New Jersey Agr. Expt. Sta. Bul. 749. 1950. 23p. 100 N46S 749
- "Livestock Ailments Related to Pasture," by J. W. Scales. Miss. Agr. Expt. Sta. Information Sheet 443. 1950. 2p. 100 M69In
- "Winter Grazing," by E. D. Alexander and others. Ga. Ext. Ser. Cir. 340. Revised 1950. 8p. 275.29 G29C 340

### Soil Conservation

- "Conservation Irrigation," by A. W. McCulloch and W. D. Criddle. USDA Agr. Inf. Bul. 8. 1950. 15p. 1 Ag84Ab 8
- "Efficient Use of Lime for the Farm," by J. B. R. Dickey. Pa. Agr. Ext. Cir. 340. 1949. 12p. 275.29 P38C 340
- "Establishment of Terrace Outlets." SCS Northern Great Plains Region. 1950. 2p. 1.9607 Es82
- "Maintaining Gradient Terraces." SCS North. Gr. Plains Reg. 1950. 2p. 1.9607 M284
- "Maintenance of Terrace Outlets." SCS North. Gr. Plains Reg. 1950. 2p. 1.9607 M283
- "Moisture Conservation Through Summerfallow and Clean Row Crops," by L. A. Jensen. North Dakota Ext. Ser. Cir. 188. 1949. 6p. 275.29 N813C 188
- "Planting Row Crops in Terraced or Contoured Fields." SCS North Gr. Plains Reg. 1950. 2p. 1.9607 P695
- "Soil Conservation and Wildlife," address by H. H. Bennett at 13th Annual Convention of Michigan United Conservation Clubs, June 17, 1950. 10p. 1.96 Ad6Sw
- "Soil Conservation Is Good Business," address by H. H. Bennett, Kiwanis Club Luncheon, Aurora, Ill. June 13, 1950. 11p. 1.96 Ad62Sg

### Sweet Potatoes

- "Electric Hotbeds For Sweet Potato Slips," by P. A. Crawford and D. T. Kinard. Ga. Ext. Ser. Bul. 533. Revised 1950. 12p. 275.29 G29B 533
- "Grow Quality Sweet Potatoes." N. C. Ext. Ser. Cir. 353. 1950. 16p. 275.29 N811C 353
- "Growing and Marketing Georgia Sweet Potatoes," by W. C. Carter. Ga. Agr. Ext. Bul. 482. Revised 1950. 35p. 275.29 G29B 482

DO NOT FORGET TO CALL ON US IF WE CAN HELP YOU IN ANY WAY WITH YOUR PROBLEMS.

Miscellany

- "Charcoal Rot of Sorghum," by D. F. Wadsworth and J. B. Sieglinger. Okla. Agr. Expt. Sta. Bul. 355. 1950. 7p. 100 Ok4B 355
- "Fertilizers for Early Cabbage, Tomatoes, Cucumbers and Sweet Corn," by J. Bushnell. Ohio Agr. Expt. Sta. Res. Bul. 697. 1950. 40p. 100 Oh3R
- "A Flame Cultivation Guide," by L. E. Creasy and H. T. Barr. La. Agr. Expt. Sta. Cir. 38. 1950. 14p. 100 L93C 38
- "Legal Aspects of Farm Tenancy in Texas," by E. D. Solberg. Tex. Agr. Expt. Sta. Bul. 718. 1950. 255p. 100 T315 718
- "Microbiology of Silage With Special Reference to Grass-Legume Mixtures," by R. C. Thomas. Ohio Agr. Expt. Sta. Res. Cir. 2. 1950. 18p. 100 Oh3Rc
- "New Farmhouse Plans." Tenn. Agr. Ext. Ser. SC254 Supplement. 1949. 22p. 275.29 T25
- "Poultry Flock Management," by H. W. Bennett. Ga. Agr. Ext. Ser. Bul. 556. Reprinted 1950. 32p. 275.29 G29B 556
- "Progress Report No. 11 of Silt Load of Texas Streams (1948-1949). 1950. Texas Board of Water Engineers and USDA Soil Conservation Service. 58p.
- "Raising Turkeys in Confinement," by L. W. Herrick, Jr. N. C. Agr. Ext. Cir. 354. 1950. 11p. 275.29 N311C
- "Relationships and Dynamics of Balanced and Unbalanced Fish Populations," by H. S. Swingle. Ala. Agr. Expt. Sta. Bul. 274. 1950. 74p. 100 AL1B
- "Suitability of Various Soils for Tung Production," by M. Drosdoff. USDA Cir. 840. 1950. 23p. 1 Ag84C 840
- "The Water-Culture Method for Growing Plants Without Soil," by D. R. Hoagland and D. I. Arnon. Revised by D. I. Arnon. Calif. Agr. Expt. Sta. Cir. 347. Revised 1950. 32p. 100 C12S 347

ANOTHER PERIODICAL

Lloydia, A Quarterly Journal of Biological Science. Published by the Lloyd Library and Museum of Cincinnati, Ohio. Received on Exchange by Southern Forest Experiment Station and given to the library.

Tell us if you wish to see it.

Helen Boyd, Librarian  
Vera S. Lind, Circulation Ass't.